

## Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Northwest</b>				
<b>HENRY COUNTY --- 3.0 N SUNNY HILL [41.44, -90.43], 2.2 E SHADY BEACH [41.53, -90.16], 4.4 NNE SHADY BEACH [41.58, -90.16], 3.8 N SHADY BEACH [41.58, -90.20], 3.5 WNW GREEN ROCK [41.49, -90.43]</b>				
	04/01/09 00:00 CST		0	Flood (due to Heavy Rain)
	04/05/09 11:00 CST		0	Source: River/Stream Gage
Heavy rains on March 24th resulted in the Rock River at Joslin and Moline going above their respective moderate flood stage levels during the last week of March. They were still in moderate flooding at the beginning of April. The stage at Joslin fell below its 14 foot moderate flood stage level around midday on April 5. The stage at Moline fell below its 13 foot moderate flood stage level around midday on April 4.				
<b>ROCK ISLAND COUNTY --- 2.0 WSW ROCK IS [41.49, -90.62], 2.5 NNE JOSLIN [41.58, -90.20], 2.6 SSE HILLSDALE [41.58, -90.15], 3.6 E JOSLIN [41.55, -90.15], 2.1 ENE COAL VLY [41.44, -90.43], 2.7 WSW MILAN [41.44, -90.62]</b>				
	04/01/09 00:00 CST		0	Flood (due to Heavy Rain)
	04/05/09 11:00 CST		0	Source: River/Stream Gage
Heavy rains on March 24th resulted in the Rock River at Joslin and Moline going above their respective moderate flood stage levels during the last week of March. They were still in moderate flooding at the beginning of April. The stage at Joslin fell below its 14 foot moderate flood stage level around midday on April 5. The stage at Moline fell below its 13 foot moderate flood stage level around midday on April 4.				
<b>Heavy rains on March 24th resulted in the Rock River at Joslin and Moline going above their respective moderate flood stage levels during the last week of March. They were still in moderate flooding at the beginning of April. The stage at Joslin fell below its 14 foot moderate flood stage level around midday on April 5. The stage at Moline fell below its 13 foot moderate flood stage level around midday on April 4.</b>				
<b>ROCK ISLAND COUNTY --- 1.7 WNW MOLINE [41.51, -90.55]</b>				
	04/05/09 09:48 CST		0	Hail (0.75 in)
	04/05/09 09:48 CST		0	Source: Trained Spotter
<b>A strong upper level disturbance and cold air aloft produced some instability showers and thunderstorms during the morning of April 5. Some of the stronger showers and storms produced hail up to three quarters of an inch in diameter.</b>				
<b>PUTNAM COUNTY --- 0.5 E MC NABB [41.18, -89.21]</b>				
	04/25/09 19:06 CST		0	Hail (0.75 in)
	04/25/09 19:06 CST		0	Source: Emergency Manager
<b>PUTNAM COUNTY --- GRANVILLE [41.27, -89.23]</b>				
	04/25/09 19:10 CST		0	Hail (1.00 in)
	04/25/09 19:10 CST		0	Source: Trained Spotter
Quarter-sized hail fell about 5 miles east northeast of Hennepin, IL at 810 pm.				
<b>A strong cold front stretching from central Michigan to the Texas panhandle pushed across the region April 25. Showers and thunderstorms tracked along the front, with one producing up to quarter-sized hail in Putnam County Illinois.</b>				
<b>HANCOCK COUNTY --- 0.8 W DALLAS CITY [40.63, -91.18], 1.6 NE DALLAS CITY [40.65, -91.15], 2.2 SW DURHAM [40.58, -91.11], 0.8 ESE COLUSA [40.57, -91.16]</b>				
	04/30/09 05:33 CST		0	Flood (due to Heavy Rain)
	04/30/09 07:30 CST		0	Source: Trained Spotter
Heavy rains of 1 to 3 inches resulted in the flooding of Camp Creek from near Colusa, IL to the Dallas City, IL area during the morning of April 30. The creek was well out of its banks and flooded low-lying areas in the vicinity.				
<b>HENDERSON COUNTY --- 3.4 N BALD BLUFF [41.07, -90.85], 4.8 NE BALD BLUFF [41.07, -90.79], 3.6 ESE BALD BLUFF [41.00, -90.79], 2.0 S BALD BLUFF [40.99, -90.85]</b>				
	04/30/09 07:00 CST		0.25K	Flood (due to Heavy Rain)
	04/30/09 10:00 CST		0	Source: Trained Spotter
Heavy rains of 2 to 3 inches fell over portions of northeast Henderson County during the morning of April 30 resulting in flooding of creeks, streams, and low-lying areas as well as some basements of area residences.				
<b>HENDERSON COUNTY --- 2.3 NNE BALD BLUFF [41.05, -90.83]</b>				

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	04/30/09 07:30 CST		0	Heavy Rain
	04/30/09 07:30 CST		0	Source: Trained Spotter

Rainfall of 2.40 inches was recorded about 4 miles south southwest of Seaton, IL the morning of April 30.

**Heavy rains of 1.5 to 3 inches fell across parts of west central Illinois during the early morning hours of April 30 resulting in some flooding.**

### IOWA, East Central and Southeast

#### SCOTT COUNTY --- 1.0 E DAVENPORT [41.53, -90.56]

04/05/09 09:53 CST	0	Hail (0.75 in)
04/05/09 09:53 CST	0	Source: Trained Spotter

**A strong upper level disturbance and cold air aloft produced some instability showers and thunderstorms during the morning of April 5. Some of the stronger showers and storms produced hail up to three quarters of an inch in diameter.**

#### BUCHANAN COUNTY --- 1.0 W JESUP [42.48, -92.07]

04/24/09 20:28 CST	0	Hail (0.75 in)
04/24/09 20:30 CST	0	Source: Law Enforcement

Three-quarter inch hail fell for about 2 minutes in Jesup, IA around 930 pm.

**An upper level disturbance moved across northern Missouri into western Illinois triggering showers and thunderstorms during the late afternoon and evening of April 24. One storm produced three quarter inch hail in Buchanan County Iowa.**

#### LINN COUNTY --- 1.5 SSE CEDAR RAPIDS [41.98, -91.64]

04/25/09 20:16 CST	0	Hail (0.75 in)
04/25/09 20:16 CST	0	Source: Trained Spotter

#### DES MOINES COUNTY --- 1.6 SSE LENOX PARK [40.81, -91.12]

04/25/09 21:20 CST	10K	Thunderstorm Wind (EG 52 kt)
04/25/09 21:20 CST	0	Source: Newspaper

Time and location estimated. A thunderstorm blew a tree down onto a power line around 10:30 pm Saturday, April 25 knocking the power out to about 757 Alliant Energy customers in Burlington.

**A strong cold front stretching from central Michigan to the Texas panhandle pushed across the region April 25. Showers and thunderstorms tracked along the front, producing three quarter inch hail in Linn County and wind damage in Des Moines County.**

#### LINN COUNTY --- 0.7 S CENTER PT [42.19, -91.78]

04/26/09 15:42 CST	0	Hail (0.88 in)
04/26/09 15:42 CST	0	Source: Emergency Manager

#### LINN COUNTY --- 2.8 N LAFAYETTE [42.19, -91.68]

04/26/09 15:49 CST	0	Hail (1.00 in)
04/26/09 15:49 CST	0	Source: Trained Spotter

Quarter-sized hail fell about 5 miles east of Center Point, IA at 449 pm.

#### LINN COUNTY --- 0.9 NE LAFAYETTE [42.16, -91.67], 4.6 ENE COGGON [42.30, -91.44]

04/26/09 15:52 CST	0.50M	Tornado (EF1, L: 14.98 mi , W: 100 yd)
04/26/09 16:10 CST	0	Source: NWS Storm Survey

An EF1 tornado with estimated wind speeds of up to 100 mph touched down near Lafayette, IA around 452 pm and proceeded to track northeast crossing the Linn-Delaware County line around 510 pm, finally lifting just north of Buck Creek, IA around 530 pm. Several farms sustained structural and equipment damage, trees were uprooted or snapped off, some camping trailers were destroyed, and several power lines were blown down.

#### DELAWARE COUNTY --- RYAN [42.35, -91.48]

04/26/09 16:07 CST	0	Hail (1.00 in)
04/26/09 16:07 CST	0	Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Quarter-sized hail fell in Ryan, IA at 507 pm.				
<b>LINN COUNTY --- 3.1 W COGGON [42.28, -91.59]</b>				
	04/26/09 16:07 CST		0	Hail (1.75 in)
	04/26/09 16:07 CST		0	Source: Trained Spotter
Golf ball-sized hail fell about 3 miles west of Coggon, IA at 507 pm.				
<b>DELAWARE COUNTY --- 4.2 SSE RYAN [42.30, -91.44], 1.5 N BUCK CREEK [42.35, -91.35]</b>				
	04/26/09 16:10 CST		0.50M	Tornado (EF1, L: 6.06 mi , W: 100 yd)
	04/26/09 16:30 CST		0	Source: NWS Storm Survey
Continued from Linn County. An EF1 tornado with estimated wind speeds of up to 100 mph touched down near Lafayette, IA around 452 pm and proceeded to track northeast crossing the Linn-Delaware County line around 510 pm, finally lifting just north of Buck Creek, IA around 530 pm. Several farms sustained structural and equipment damage, trees were uprooted or snapped off, some camping trailers were destroyed, and several power lines were blown down.				
<b>DELAWARE COUNTY --- 0.7 S DELHI [42.42, -91.33]</b>				
	04/26/09 16:15 CST		0	Hail (0.75 in)
	04/26/09 16:15 CST		0	Source: Emergency Manager
<b>BUCHANAN COUNTY --- 1.7 SSW JESUP [42.46, -92.06], 1.2 W WINTHROP [42.47, -91.75], 2.2 SW WINTHROP [42.44, -91.75], 3.2 SSW JESUP [42.44, -92.06]</b>				
	04/26/09 19:00 CST		0	Flash Flood (due to Heavy Rain)
	04/26/09 22:00 CST		0	Source: Trained Spotter
Heavy rains of 1 to 3 inches fell across the area on April 26. Flash flooding of several fields, waterways, and ditches along Highway 20 from just south of Jesup, IA to the Winthrop-Quasqueton exit was observed between 8 and 9 pm.				
<b>BENTON COUNTY --- 2.5 NNW VINTON MEML ARPT [42.26, -92.03], 2.7 NNE VINTON MEML ARPT [42.26, -92.00], 1.0 E VINTON MEML ARPT [42.22, -92.00], 0.5 W VINTON MEML ARPT [42.22, -92.03]</b>				
	04/26/09 20:00 CST		0	Flash Flood (due to Heavy Rain)
	04/26/09 22:00 CST		0	Source: Emergency Manager
Heavy rains of 1 to 3 inches fell across the area on April 26 resulting in some flash flooding. Bear Creek flooded out of its banks and over the county road about 5 miles north of Vinton, IA making it impassable.				
High level clouds were common across the area April 26, as a warm front lifted northward to between Highways 30 and 20. Some heavy rain-producing showers and thunderstorms developed during the late afternoon northwest of Highway 151. One produced large hail and a tornado as it tracked from northern Linn County into southern Delaware County.				

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Tornado near Alburnett, IA just before 5 pm April 26. Photographer: Cathy Riggs

IOWA COUNTY --- 5.9 WNW KOSZTA [41.86, -92.30], 3.5 NE EAST AMANA [41.86, -91.83], 2.4 SE HOMESTEAD [41.75, -91.83], 1.4 N VICTOR [41.75, -92.30]

04/29/09 01:00 CST	0	Flood (due to Heavy Rain)
04/30/09 23:59 CST	0	Source: River/Stream Gage

Heavy rains during the last week of April resulted in the Iowa River at Marengo going above the moderate flood stage level of 15.5 feet on April 29th around 2 am. It crested around 17.64 feet around 9 pm April 30. It stayed in moderate flooding through the end of the month.

Heavy rains during the last week of April resulted in the Iowa River at Marengo going above the moderate flood stage level of 15.5 feet on April 29th around 2 am. It crested around 17.64 feet around 9 pm April 30. It stayed in moderate flooding through the end of the month.

DES MOINES COUNTY --- 1.0 NE BURLINGTON ARPT [40.79, -91.11], 1.6 ENE BURLINGTON ARPT [40.79, -91.09], 1.4 E BURLINGTON ARPT [40.78, -91.09], 0.6 ESE BURLINGTON ARPT [40.78, -91.11]

04/30/09 04:00 CST	10K	Flood (due to Heavy Rain)
04/30/09 08:00 CST	0	Source: Newspaper

Heavy rains resulted in two separate landslides in Burlington, IA on the morning of April 30. One resident on Sweeney Avenue lost a 20 foot by 10 foot section of his backyard while another resident on the 300 block of South 5th Street sustained damage to a 20 foot section of a retaining wall.

DES MOINES COUNTY --- 0.9 SW (BRL)BURLINGTON MUNI [40.77, -91.14]

04/30/09 07:25 CST	0	Heavy Rain
04/30/09 07:25 CST	0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Two and a half inches of rain fell in under 9 hours near the Burlington Regional Airport during the early morning hours of April 30.				
<b>DES MOINES COUNTY --- 1.4 W (BRL)BURLINGTON MUNI [40.78, -91.16], (BRL)BURLINGTON MUNI [40.78, -91.13], 1.4 S (BRL)BURLINGTON MUNI [40.76, -91.13], 2.0 SW (BRL)BURLINGTON MUNI [40.76, -91.16]</b>				
	04/30/09 07:25 CST		0	Flood (due to Heavy Rain)
	04/30/09 09:30 CST		0	Source: Trained Spotter
Heavy rains of 2 to 3 inches in under 9 hours resulted in some yard flooding on the southwest side of Burlington, IA during the morning hours of April 30.				
<b>Heavy rains of 2 to 3 inches fell across parts of southeast IA during the evening and overnight hours of April 29 and 30. Flooding was observed in the Burlington, IA area.</b>				
<b>KEOKUK COUNTY --- 4.1 SSW WHAT CHEER [41.35, -92.41], 1.8 SE KEOTA [41.35, -91.95], 3.9 SSE TALLEYRAND [41.25, -91.95], 7.0 SW DELTA [41.25, -92.41]</b>				
	04/30/09 10:00 CST		0	Flood (due to Heavy Rain)
	04/30/09 23:59 CST		0	Source: River/Stream Gage
Heavy rains during the last week of April resulted in the North Skunk River at Sigourney going above the moderate flood stage level of 18 feet on April 30th around 11 am. It crested around 19.17 feet around 8:45 pm April 30. It stayed in moderate flooding through the end of the month.				
<b>Heavy rains during the last week of April resulted in the North Skunk River at Sigourney going above the moderate flood stage level of 18 feet on April 30th around 11 am. It crested around 19.17 feet around 8:45 pm April 30. It stayed in moderate flooding through the end of the month.</b>				

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>IOWA, East Central and Southeast</b>				

**IOWA COUNTY --- 5.9 WNW KOSZTA [41.86, -92.30], 3.5 NE EAST AMANA [41.86, -91.83], 2.4 SE HOMESTEAD [41.75, -91.83], 1.4 N VICTOR [41.75, -92.30]**

05/01/09 00:00 CST	0.50M	Flood (due to Heavy Rain)
05/07/09 01:00 CST	0	Source: River/Stream Gage

Heavy rains during the last week of April resulted in the Iowa River at Marengo going above the moderate flood stage level of 15.5 feet on April 29th around 2 am. It crested around 17.64 feet around 9 pm April 30. It finally fell below the moderate flood stage level around 2 am May 7.

**Heavy rains during the last week of April resulted in the Iowa River at Marengo going above the moderate flood stage level of 15.5 feet on April 29th around 2 am. It crested around 17.64 feet around 9 pm April 30. It finally fell below the moderate flood stage level around 2 am May 7.**

**KEOKUK COUNTY --- 1.6 SSW COAL CREEK [41.41, -92.41], 2.9 NNE KEOTA [41.41, -91.95], 3.1 ENE RICHLAND [41.20, -91.95], 5.2 WNW HEDRICK [41.20, -92.41]**

05/01/09 00:00 CST	0.50M	Flood (due to Heavy Rain)
05/01/09 17:00 CST	0	Source: River/Stream Gage

Heavy rains during the last week of April resulted in the North Skunk River at Sigourney going above the moderate flood stage level of 18 feet on April 30th around 11 am. It crested around 19.17 feet around 8:45 pm April 30. It fell below the moderate flood stage level around 6 pm on May 1.

**Heavy rains during the last week of April resulted in the North Skunk River at Sigourney going above the moderate flood stage level of 18 feet on April 30th around 11 am. It crested around 19.17 feet around 8:45 pm April 30. It fell below the moderate flood stage level around 6 pm on May 1.**